

B. Claims

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (Currently amended) A method for modulating body organ functioning, comprising the steps of:

collecting a plurality of waveforms from an autonomic nervous network in a body that are naturally generated in ~~[[a]]~~ said body ~~and carried by neurons in~~, said plurality of waveforms being operative in the regulation of a ~~plurality of functions~~ function of at least one body organ;

storing said collected plurality of waveforms in a storage medium, said step of storing said collected plurality of waveforms including storing said collected plurality of waveforms according to said ~~functions~~ function regulated by said collected plurality of waveforms; and

transmitting at least one of said collected plurality of waveforms to said body organ to regulate organ function.

Claims 2-5. (Canceled)

Claim 6. (Currently amended) An apparatus for modulating body organ functioning, comprising:

a source of collected waveforms that are generated in a body and carried by neurons in said body, said collected waveforms being operative in the regulation of a ~~plurality of functions~~ function of at least one body organ, said source including a storage ~~areas adapted to store~~ medium for storing said collected ~~plurality of~~ waveforms according to said ~~functions~~ function regulated by said collected ~~plurality of~~ waveforms;

means for selecting at least a first waveform from said collected ~~plurality of~~ waveforms, said first waveform being operative to regulate said body organ; and

means ~~adapted to be in communication with the body for broadcasting~~ transmitting said first waveform to said body organ regulate organ function.

Claims 7-10. (Canceled)

Claim 11. (Currently amended) The apparatus of Claim 6, ~~wherein said collecting means comprises~~ further including a sensor adapted to communicate with the body for collecting said waveforms from said body.

Claims 12-14. (Canceled)

Claim 15. (Currently amended) The apparatus of Claim 6, wherein said ~~broadcasting~~ means for transmitting said first waveform to said body organ comprises a body electrode.

Claims 16-22. (Canceled)

Claim 23. (New) The method of Claim 1, wherein said autonomic nervous network comprises the vagus nerve.

Claim 24. (New) The method of Claim 1, wherein said autonomic nervous network comprises the hypoglossal nerve bundle.

Claim 25. (New) A method for modulating body organ functioning in a body having an autonomic nervous network, comprising the steps of:

collecting a plurality of waveforms that are naturally generated in said body, said plurality of waveforms being operative in the regulation of a function of at least one body organ;

storing said collected plurality of waveforms in a storage medium, said step of storing said collected plurality of waveforms including storing said collected plurality of waveforms according to said function regulated by said collected plurality of waveforms; and

transmitting at least one of said collected plurality of waveforms to said autonomic nervous network to regulate organ function.

Claim 26. (New) The method of Claim 25, wherein said autonomic nervous network comprises the vagus nerve.

Claim 27. (New) The method of Claim 25, wherein said autonomic nervous network comprises the hypoglossal nerve bundle.